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## Substitute for form 1449A/P INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

**EXAMINER SIGNATURE** 

/Deborah Ware/

Application Number	10/015,939
Filing Date	December 17, 2001
First Named Inventor	Prakash Kadkade, et al.
Art Unit	1651
Examiner Name	Deborah K. Ware

Sheet 1 of 4		Attorr	Attorney Docket Number 6269		08.000010				
U.S. PATENT DOCUMENTS									
Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY			Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
1.	US- 5,041,382	08-20-1991	Gupta, et al.						
2.	US- 5,045,446	09-03-1991	Goodrich, Jr., et	al.					
3.	US- 5,071,741	12-10-1991	Brockbank						
4.	US- 5,413,930	05-09-1995	Becwar, et al.						
5.	US- 5,464,769	11-07-1995	Attree, et al.						
6.	US- 5,491,090	02-13-1996	Handley, III, et al						
7.	US- 5,506,136	04-09-1996	Becwar, et al.	,					
8.	US- 5,654,185	08-05-1997	Palsson						
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		FOREIGN PATENT DOCUMENT										
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	9.		JP	02-005857	01-10-1990		Horn, et al.					
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	10.		JP	1-501392	05-18-1989	•						
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		MATION DISCLOSURE	Filing Date	December 17, 2001						
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OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS										
*Examiner Initials	Cite No.	Include name of the author (in CAPITAL LE item (book, magazine, journal, serial, s number(s), publisher,			TRANSLATION YES NO					
	11.	McLellan, et al., "The Response of Thawing in the Presence or Absence (1990), pp. 189-197.								
	12.	Mazur, P.; "Freezing Injury in Plants," pp. 419-448 (1964).	Biology Division, Oak Ridge	National Laboratory,						
	13.	Peter, M.; "Freezing of living cells: mechanisms and implications," Am. J. Physiol., 247, 125-142, (1984).								
	14.	Sakai, A.; "Survival of Plant Tissue at Super-Low Temperatures III. Relation between Effective Prefreezing Temperatures and the Degree of Frost Hardiness," Plant Physiology, 882-887 (1965).								
	15.	Soshiki Baiyou (Tissue Culture), Vol. 18, no. 6, pg. 224-227, 1992.								
	16.	Sakai, et al., "Cryopreservation of Nucellar Cells of Navel Orange (Citrus Sinensis OSB. var. brasiliensis Tanaka) by Vitrification, Plant Cell Reports, Vol. 9, pg. 30-33, 1990.								
	17.	Kobayashi, et al., "Cryopreservation of Citrus", JICA Group Ref., No. 6, pg. 31-51, 1993.								
	18.	Nishizawa, et al., "Cryopreservation of Asparagus (Asparagus officinalis L.) Embryogenic Suspension Cells and Subsequent Plant Regeneration by Vitrification", Plant Science, Vol. 91, pg. 67-73, 1993.								
	19.	Matsumoto, et al., Cryopreservation of in vitro-grown apical meristems of wasabi (Wasabia japonica) by Vitrification and Subsequent High Plant Regeneration", Plant Cell Reports, Vol. 13, pg. 442-446, 1994.								
	20.	Matsumoto, et al., "Cryopreservation of in vitro-grown apical meristems of lily by Vitrification", Plant Cell, Tissue and Organ Culture, Vol. 41, pg. 237-241, 1995.								
	21.	Kohmura, et al., "Cryopreservation of Apical meristems of Japanese Shallot (Allium wakegi A.) by Vitrification and Subsequent High Plant Regeneration", Cryo-Letters, Vol. 15, pg. 289-298, 1994.								
EXAMII	NER S	IGNATURE /Deborah Ware/	DATE CONSIDERED	03/17/2008						
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Sheet		4 of 4	Attorney Docket Number	62698.000010							
	OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS										
*Examiner	Cite	Include name of the author (in CAPITAL	LETTERS), title of the article (when ap	propriate), title of the	TRANSLATION						
Initials	No.	item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published									
	22.	Niino, et al., "Cryopreservation of in vitr Plant Cell, Tissue and Organ Culture, V		nd Pear by Vitrification",							
	23.	Sugawara and Sakai, "Effect of Ca <sup>++</sup> on the Survival of Cultured Plant Cells after Freezing and Thawing", Low Temperature Science, Ser. B, Vol. 33, pg. 21-27, 1975.									
EXAMINER SIGNATURE /Deborah Ware/ DATE CONSIDERED 03/17/2008											
		: Initial if reference considered, whether or in conformance and not considered. Include			ine thro	ough					